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CONFIDENTIAL

SECURITY INFORMATION

## REPORT NO.

25X1A

20 May 1952

2

**SUBJECT** Scarcity of Aluminum Alloys

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NO. OF ENCLS.  
(LISTED BELOW)

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1. Because of the insufficient deliveries of aluminum alloy castings by the smelters to the foundries, the fulfillment of certain orders and plans will be endangered. These include reparations orders, the program for the production of agricultural machinery, tractors and spare parts, the ship construction program, the vehicle construction program, orders from the USSR and other countries, and orders from government and key industries. The VEB Leichtmetallwerk Rackwitz and the VEB Berliner Metallhuetten-und Halbzeugwerke have been insufficiently provided with the necessary basic materials such as pure aluminum, pure silicon, and high-grade scrap and have thus been unable to produce the required amounts of silicic alloys. There is a special bottleneck in piston alloys (Kolbenlegierungen) GAL Si 5, Si 9, Si 20 and "Hydronalium".
2. The Elektrochemisches Kombinat, Bitterfeld, is delivering to the VEB's insufficient monthly quantities of aluminum alloy castings and pure aluminum, which are released too late by the Russian management. The following table is presented as an example. Amounts are given in tons.

February

55  
59  
82  
31  
227  
425  
198

	30
about	160
"	60
	-
about	250
	425
	<u>175</u>

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-2-

3. Only a small part of the amounts delivered were Si alloys. The greater part were substitute alloys (Ausweichlegierungen), which should not be used at all for the outstanding high-priority orders or should be used only in limited quantities. The situation has become so serious that some foundries have had to furlough their employees.
4. The request to the State Secretariat for Material Procurement on 17 January 1952 for the release of about 150 tons of aluminum alloy castings from government reserves could not be met. Only 31 tons from quantities on hand were released.
5. The fulfillment of the program for producing over 75,000 milk cans as well as dairy equipment, which should be finished by June 1952, depends on the availability of the necessary pure aluminum and "Hydronalium", which, up to the present, has not been supplied to the Leichtmetallwerk Rackwitz.
6. In order to alleviate the situation Ziller requests that:
  - a. At least 200 tons of aluminum alloy castings Si 52, Si 5, Si 6, Si 9 and piston alloys be released from government reserves.
  - b. The monthly delivery quotas of aluminum alloy castings and pure aluminum for VEB's be raised.
  - c. Steps be taken to assure the VEB light metal industries of a sufficient supply of the basic materials pure aluminum, pure silicon, and high-grade scrap.

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